DICHTOMATIK

FREUDENBERG
SEALING TECHNOLOGIES

Material
75 FFKM FF751K

Version	Released on
01	24.09.2021

General Data

Colour: Black

Physical Properties	**Nominal Range**	**Typical Value**	
Density ISO 1183		1.99	g/cm³
Hardness ASTM D2240, Shore A		75	Shore
Modulus 100 %, ASTM D412		9.1	MPa
Tensile strength at break ASTM D412		15.2	MPa
Elongation at break ASTM D412		150	%
Compression set ASTM D395B, 70 h, 204 °C		24	%
Compression set ASTM D1414, 70 h, 204 °C, O-ring		25	%

Temperature Range

static: -20 to 275 °C

This data sheet supersedes all previous versions. The content is subject to change without prior notice. The given values are based on a limited number of tests on standard test pieces (2mm sheets) produced in the laboratory. The data from finished parts can deviate from above values depending on the manufacturing process and the component geometry. The data represents our present empirical values. It is incumbent on the person placing the order to examine whether it is suitable for its intended purpose, before using the product. All questions regarding the guarantee of this product are in line with our terms and conditions, inasmuch as statutory provisions do not plan for something else.

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